

[illegible]

					M	S	P	E	C	A	R	A	A	9
TCGGGACTAGTTC	TAGACCGCTG	CGGGCGGCCAGG	CGCGGGGA	ATG	TCC	OCT	GAA	TGC	GOG	CGG	GCA	GOG		27

D	V	K	G	D	H	R	L	V	L	A	A	V	E	T	T	V	E	V	L	49
GAC	GTC	AAG	GGC	GAC	CAC	CGG	CTG	GTG	CTG	GCC	GCG	GTG	GAG	ACA	ACC	GTG	CTG	GTG	CTC	147

R R G A T A C L V L N L F C A D L L F I 89
CGC CGC GGC GCG ACT GCC TGC CTG GTA CTC AAC CTC TTC TGC GCG GAC CTG CTC TTC ATC 267

S A I P L V L A V R W T E A W L L G P V 109
AGC GCT ATC CCT CTG GTG CTG GCC GTG CGC TGG ACT GAG GCC TGG CTG CTG GGC CCC GTT 327

A C H L L F Y V M T L S G S / T I L T L 129
GCC TGC CAC CTG CTC TTC TAC GTG ATG ACG CTG AGC GGC AGC GTC ACC ATC CTC ACG CTG 387

A A V S L E R M V C I V H L Q R G V R G 149
GCC GCG GTC AGC CTG GAG CGC ATG GTG TGC ATC GTG CAC CTG CAG CGC GGC GTG CGG GGT 447

P G R R A R A V L L A L I W G Y S A V A 169
CCT GGG CGG CGG GCG CGG GCA GTG CTG CTG GCG CTC ATC TGG GGC TAT TCG GCG GTC GCC 507

A	L	P	L	C	V	F	F	R	V	V	P	Q	R	L	P	G	A	D	Q	189
GCT	CTG	CCT	CTC	TGC	GTC	TTC	TTT	CGA	GTC	GTC	CCG	CAA	CGG	CTC	CCC	GGC	GCC	GAC	CAG	567

E I S I C T L I W P T I P G E I S W D V 209
GAA ATT TCG ATT TGC ACA CTG ATT TGG CCC AOC ATT OCT GGA GAG ATC TCG TGG GAT GTC 627

S F V T L N F L V P G L V I V I S Y S K 229
TCT TTT GTT ACT TTG AAC TTC TTG GTG CCA GGA CTG GTC ATT GTG ATC AGT TAC TCC AAA 687

I L Q I T K A S R K R L T V S L A Y S E 249
ATT TTA CAG ATC ACA AAG GCA TCA AGG AAG AGG CTC ACG GTA AGC CTG GCC TAC TCG GAG 747

S H Q I R V S Q Q D F R L F R T L F L L 269
AGC CAC CAG ATC CGC GTG TCC CAG CAG GAC TTC CGG CTC TTC CGC ACC CTC TTC CTC CTC 807

M V S F F I M W S P I I I T I L L I L I 289
ATG GTC TCC TTC TTC ATC ATG TGG AGC CCC ATC ATC ATC ACC ATC CTC CTC ATC CTG ATC 867

Q N F K Q D L V I W P S L F F W V V A F 309
CAG AAC TTC AAG CAA GAC CTG GTC ATC TGG CCG TOC CTC TTC TTC TGG GTG GTG GCC TTC 927

Figure 1A

T F A N S A L N P I L Y N M T L C R N E 329
ACA TTT GCT AAT TCA GGC CTA AAC OCC ATC CTC TAC AAC ATG ACA CTG TGC AGG AAT GAG 987

W K K I F C C F W F P E K G A I L T D T 349
TGG AAG AAA ATT TTT TGC TGC TTC TGG TTC OCA GAA AAG GGA GCC ATT TTA ACA GAC ACA 1047

S V K R N D L S I I S G * 362
TCT GTC AAA AGA AAT GAC TTG TCG ATT ATT TCT GGC TAA 1086

TTTTTCTTTATAGCCGAGTTTCTCACACCTGGCGAGCTGTGGCATGCTTTTAAACAGAGTTCATTTCCAGTACCCCTCCA

TCAGTGCACCCCTGCTTTAAGAAAATGAACCTATGCAAATAGACATCCACAGCGTCGGTAAATTAAGGGGTGATCACCAA

GTTTCATAATATTTTCCCTTTATAAAAAGGATTTGTTGGCCAGGTGCAGTGGTTCATGCTGTAATCCAGCAGTTTGGG

AGGCTGAGGTGGGTGGATCACCTGAGGTGAGGAGTTCGAGACCAACCTGACCAACATGGTGAGACCCCGTCTCTACTA

AAAATAAAAAAAAAAATTAGCTGGGAGTGGTGGTGGGCACCTGTAATCCTAGCTACTTGGGAGGCTGAACCAGGAGAAT

CTCTTGAACCTGGGAGGCAGAGGTTGCAGTGAGCCGAGATCGTGCCATTGCACTCCAACCAGGGCAACAAGAGTGAAAC

TCCATCTTAAAAAAAAAAAAAAAAAGATTTGTATGGGTTCCCTTTTAAATGTGAACTTTTTTAGTGTGTTTGTAAATATG

ATCAAATTTAATAAATATTTATTTATGACTGTTTACGCAAAAAAAAAAAAAAAAAAGGGCGG

Figure 1B

CGCATCTTCCCGGACGCGTGGGGCCGGGCGCCCGGC	ATG	TCC	OCT	GAG	TGT	GCA	CAG	ACG	ACG	GGC		10
												30
P G P S H T L D Q V N R T H F P F F S D												30
CCT GGT CCC TCG CAC ACC CTG GAC CAA GTC AAT CGC ACC CAC TTC CCT TTC TTC TCG GAT												90
V K G D H R L V L S V V E T T V L G L I												50
GTC AAG GGC GAC CAC CGG TTG GTG TTG AGC GTC GTG GAG ACC ACC GTT CTG GGA CTC ATC												150
F V V S L L G N V C A L V L V A R R R R												70
TTT GTC GTC TCA CTG CTG GGC AAC GTG TGT GCT CTA GTG CTG GTG GCG CGC CGT CGG CGC												210
R G A S A S L V L N L F C A D L L F T S												90
CGT GGG GCG TCA GCC AGC CTG GTG CTC AAC CTC TTC TGC GCG GAT TTG CTC TTC ACC AGC												270
A I P L V L V V R W T E A W L L G P V V												110
GCC ATC CCT CTA GTG CTC GTC GTG CGC TGG ACT GAG GCC TGG CTG TTG GGG CCC GTC GTC												330
C H L L F Y V M T M S G S V T I L T L A												130
TGC CAC CTG CTC TTC TAC GTG ATG ACA ATG AGC GGC AGC GTC ACG ATC CTC ACA CTG GCC												390
A V S L E R M V C I V R L R R G L S G P												150
GCG GTC AGC CTG GAG CGC ATG GTG TGC ATC GTG CGC CTC CGG CGC GGC TTG AGC GGC CCG												450
G R R T Q A A L L A F I W G Y S A L A A												170
GGG CGG CGG ACT CAG GCG GCA CTG CTG GCT TTC ATA TGG GGT TAC TCG GCG CTC GCC GCG												510
L P L Y I L F R V V P Q R L P G G D Q E												190
CTG CCC CTC TAC ATC TTG TTC CGC GTG GTC CCG CAG CGC CTT CCC GGC GGG GAC CAG GAA												570
I P I C T L D W P N R I G E I S W D V F												210
ATT CCG ATT TGC ACA TTG GAT TGG CCC AAC CGC ATA GGA GAA ATC TCA TGG GAT GTG TTT												630
F E T L N F L V P G L V I V I S Y S K I												230
TTT GAG ACT TTG AAC TTC CTG GTG CCG GGA CTG GTC ATT GTG ATC AGT TAC TCC AAA ATT												690
L Q I T K A S R K R L T L S L A Y S E S												250
TTA CAG ATC ACG AAA GCA TCG CGG AAG AGG CTT ACG CTG AGC TTG GCA TAC TCT GAG AGC												750
H Q I R V S Q Q D Y R L F R T L F L L M												270
CAC CAG ATC CGA GTG TCC CAA CAA GAC TAC CGA CTC TTC CGC ACG CTC TTC CTG CTC ATG												810
V S F F I M W S P I I I T I L L I L I Q												290
GTT TCC TTC TTC ATC ATG TGG AGT CCC ATC ATC ATC ACC ATC CTC CTC ATC TTG ATC CAA												870
N F R Q D L V I W P S L F F W V V A F T												310
AAC TTC CGG CAG GAC CTG GTC ATC TGG CCA TCC CTT TTC TTC TGG GTG GTG GCC TTC ACG												930
F A N S A L N P I L Y N M S L F R N E W												330
TTT GCC AAC TCT GCC CTA AAC CCC ATA CTG TAC AAC ATG TCG CTG TTC AGG AAC GAA TGG												990
R K I F C C F F F P E K G A I F T D S												350
AGG AAG ATT TTT TGC TGC TTC TTT TTT CCA GAG AAG GGA GCC ATT TTT ACA GAT ACG TCT												1050
V R R N D L S V I S S *												362
GTC AGG CGA AAT GAC TTG TCT GTT ATT TCC AGC TAA												1085
CTAGCCTCTGGTGCCAGGTGAACACCGGTGTGCATGTAAAGGGAGTTAACTTCAAGGAAAGCCACCGTGCSCCCTGC												
TTTAAAAATACCGACTTCCAACAGCAGGCATCTAAGGAGCCAGCAAATTAAGGAATGATCGCTCAGTATAAAAAATATT												

Figure 2

Expression of 14273 in Human Tissues
Pathology Phase I (subset)

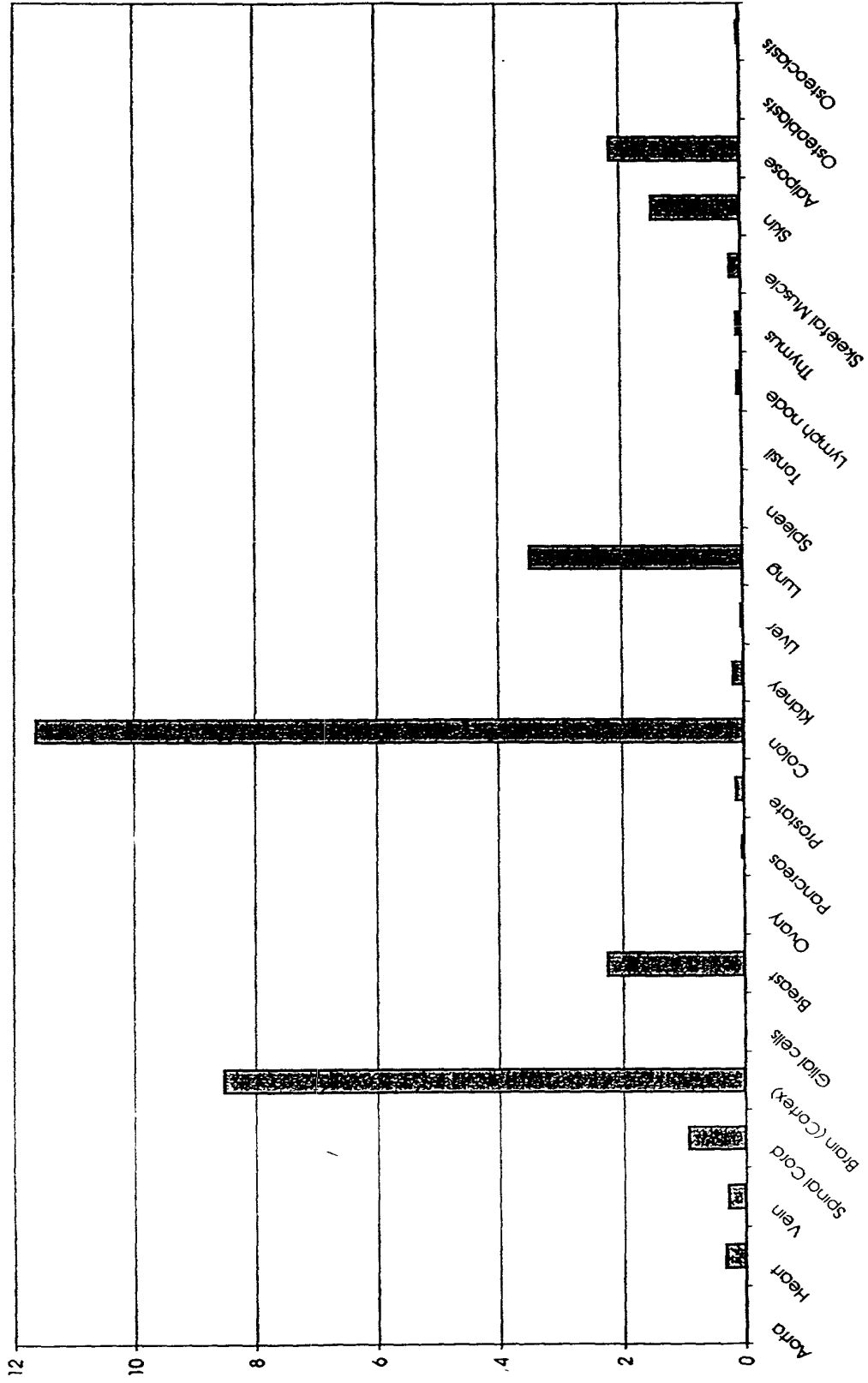


Figure 3A

Expression of 14273 in Human Tissues
Metabolic Phase I

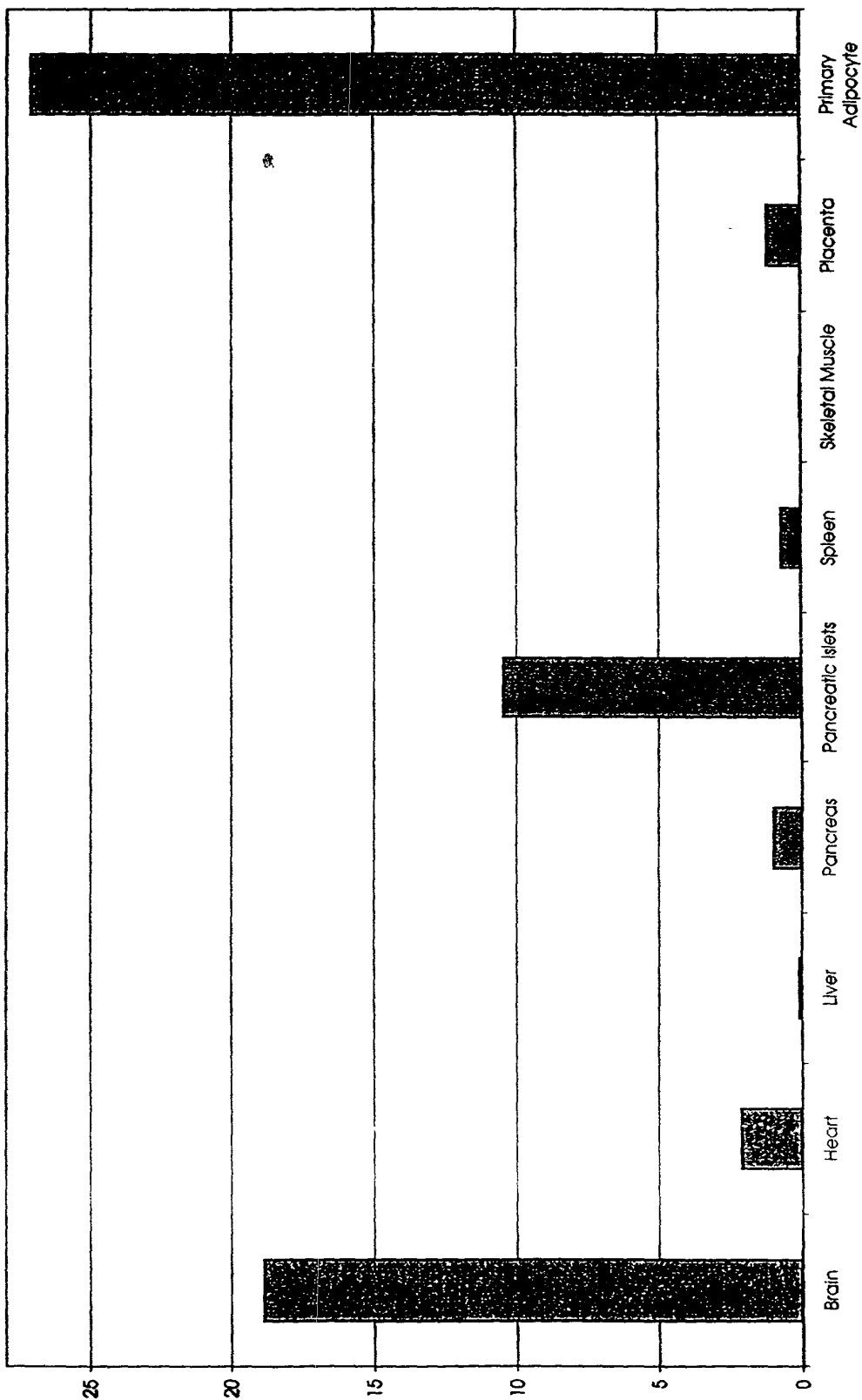


Figure 3B

Expression of 14273 in Human Tissues
Metabolic Phase II

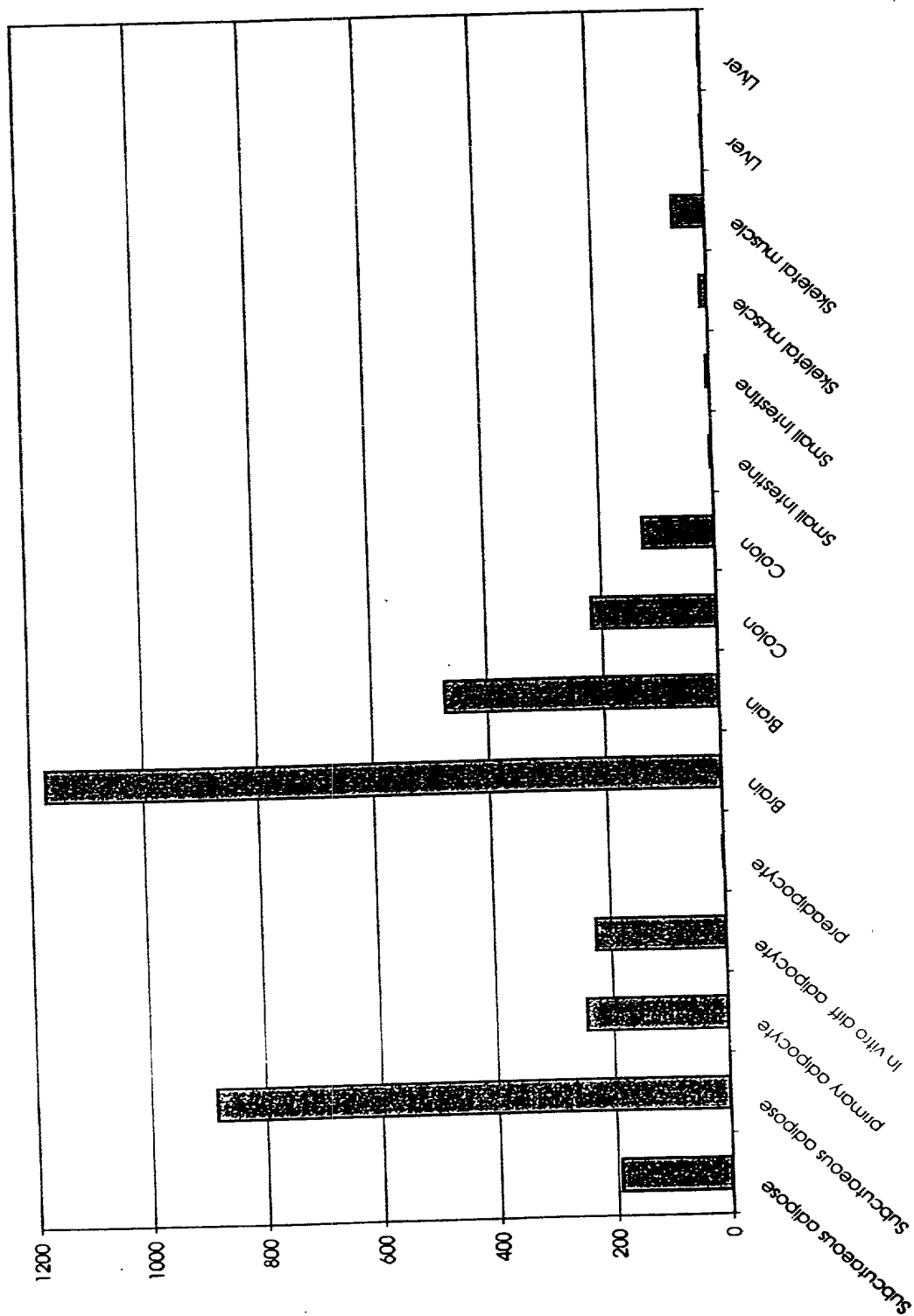


Figure 3C

Expression of 14273 in Normal Mouse Tissues

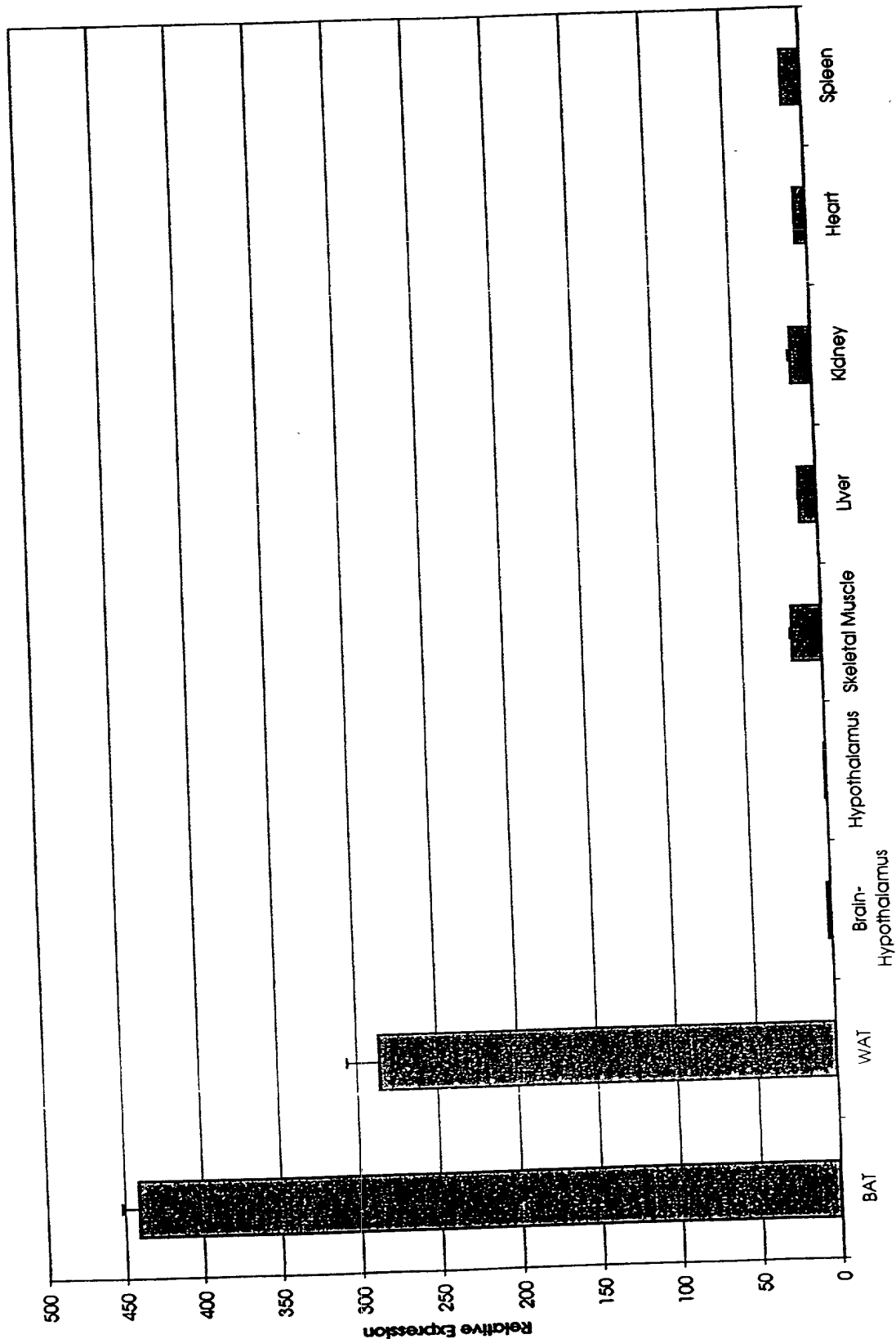


Figure 4

Expression of 14273 in Normal Mouse Tissues

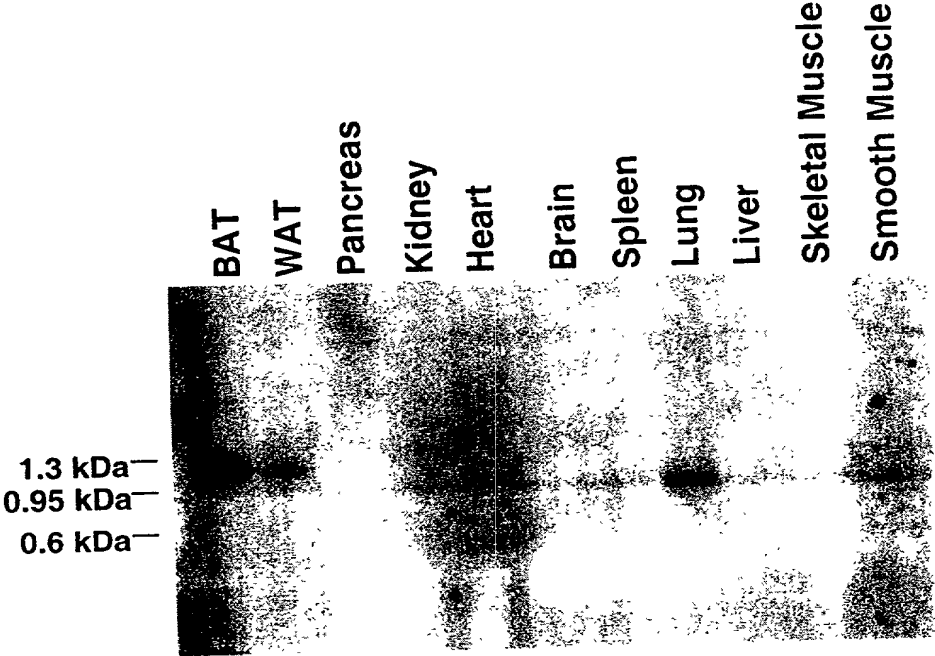


Figure 5

Regulation of 14273 Expression by Cold Exposure

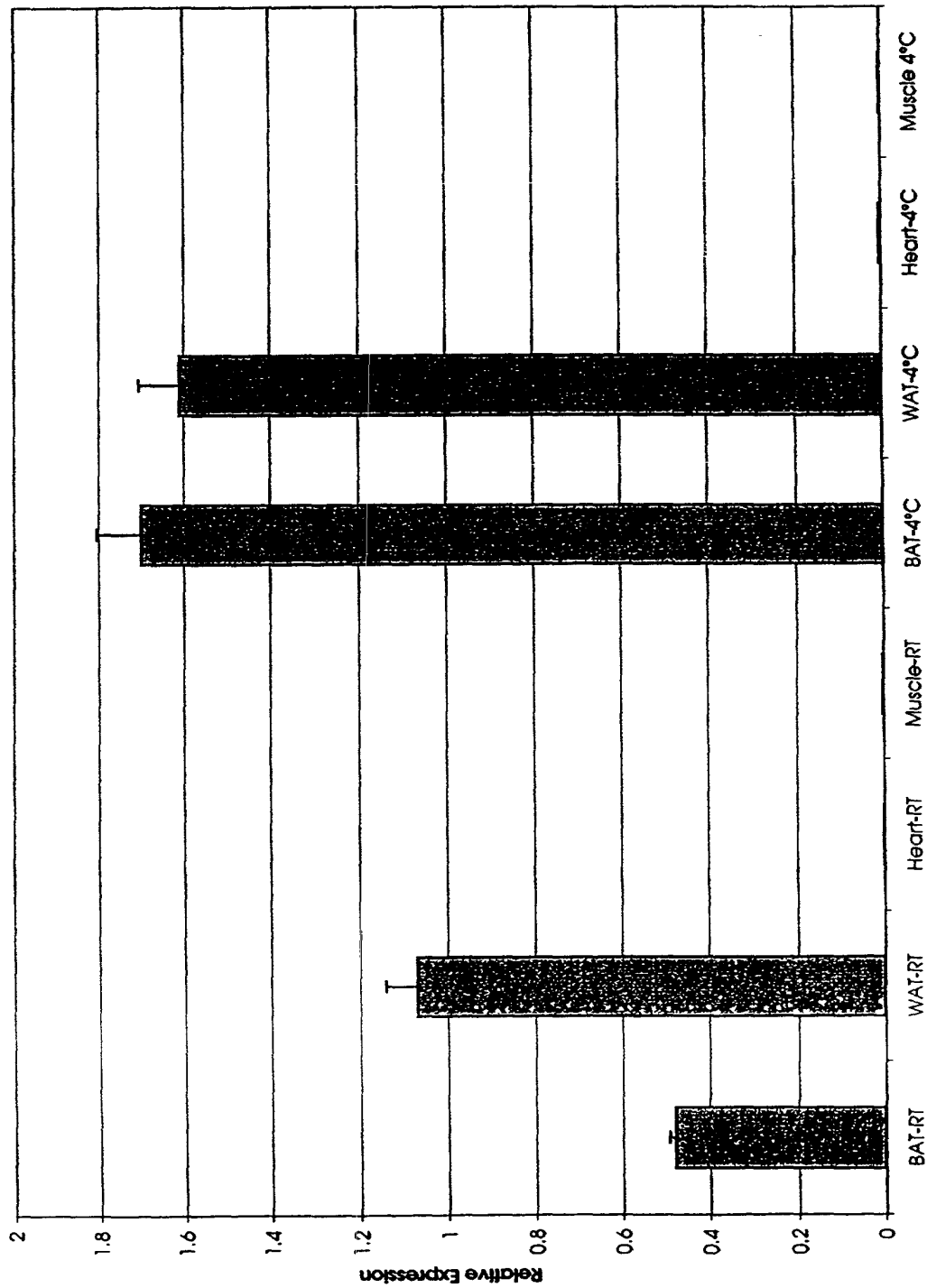


Figure 6A

Regulation of 14273 Expression in Genetic Models of Obesity

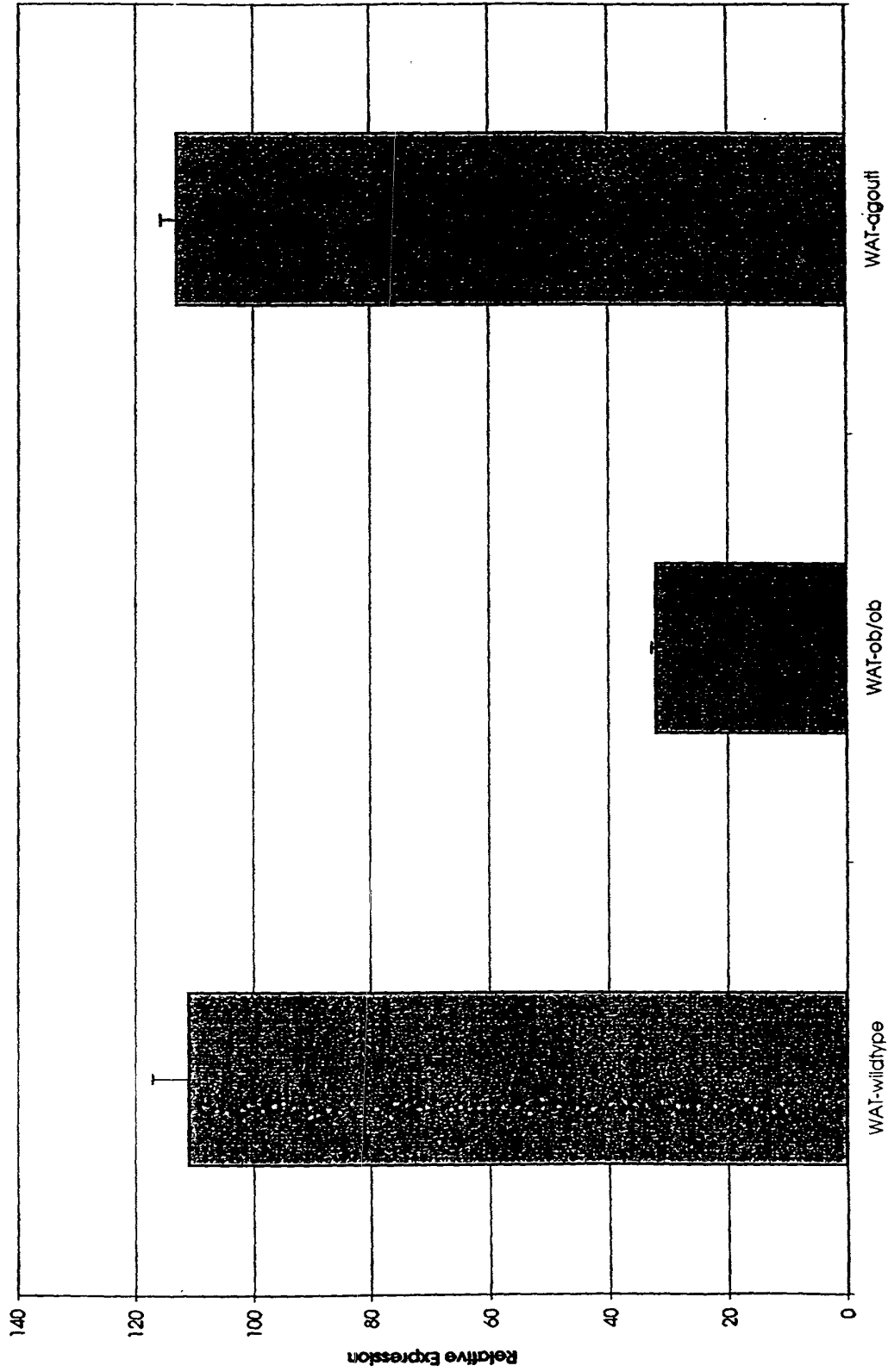


Figure 6 B

BW on High Fat Diet (male)

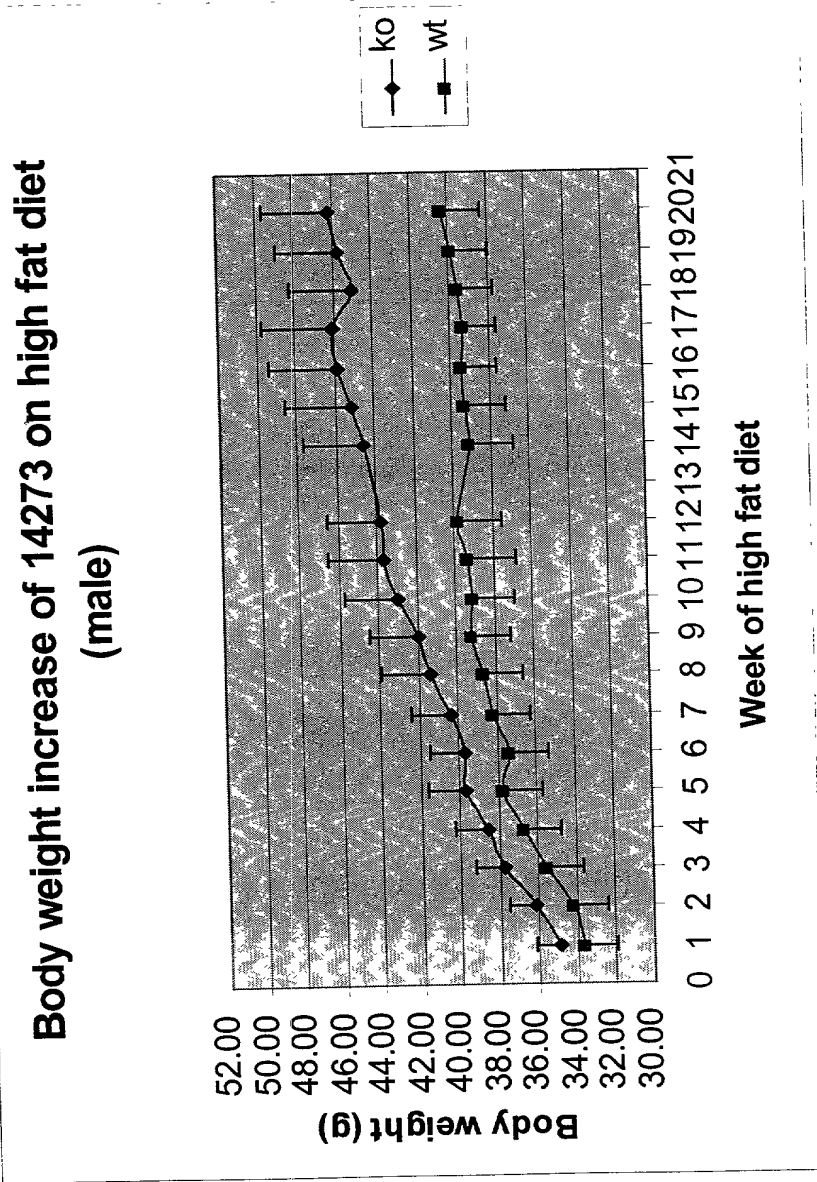


FIGURE 7